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In re Application of
Goicoechea et al.

Application Number	Filed
08/463,987	6/5/95

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United States Patent Application Publication No. _____, page, _____ line _____,

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United States Patent [19]

Goicoechea et al.

[11] Patent Number: 6,051,020

[45] Date of Patent: Apr. 18, 2000

[54] BIFURCATED ENDOLUMINAL PROSTHESIS

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[21] Appl. No.: 08/960,282

[22] Filed: Oct. 29, 1997

Related U.S. Application Data

[60] Continuation of application No. 08/463,987, Jun. 5, 1995, which is a division of application No. 08/317,763, Oct. 4, 1994, Pat. No. 5,609,627, which is a continuation-in-part of application No. 08/312,881, Sep. 27, 1994.

[30] **Foreign Application Priority Data**

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Jun. 10, 1994	[EP]	European Pat. Off.	94401306

[51] **Int. Cl.**[7] **A61F 2/00**

[52] **U.S. Cl.** **623/1**

[58] **Field of Search** 623/1, 12; 606/194, 606/195

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[57] **ABSTRACT**

An introducer for delivering into the vasculature a straight or bifurcated stent or prosthesis; a method for delivering into the vasculature a straight or bifurcated stent or prosthesis; a method of treating and angeological disease using a bifurcated stent; an endoluminal stent having perpendicular hoop members, each hoop member formed of wire in a sinuous configuration, at least some of juxtaposed apices in neighboring hoops being secured to one another, such stents also forming axially aligned segments in straight stents, and segments of bifurcated stents in particular embodiments. Certain embodiments of such stents also include barbs, fabric covering and radiopaque markers.

7 Claims, 23 Drawing Sheets